

# ROBYN CLARK

DevOps Engineer



Hull, UK



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Website



GitHub



LinkedIn

## WHO AM I?

A DevOps Engineer and former Computer Science student at the University of Hull with a passion for Linux, system administration and cloud native technologies. I enjoy working alongside others and am happy to help them with problems or concerns they may have.

## EXPERIENCE

- Nov 2024–Present **System Infrastructure / DevOps Consultant** Freelance  
Providing support for individuals and businesses with cloud infrastructure.
- Jul 2023–Sep 2024 **Devops / Systems Engineer** VISR Dynamics
  - Maintained in-house infrastructure including a Proxmox cluster, Windows domain controllers and storage spaces direct servers as well as Unifi networking equipment.
  - Ensured production services in Azure were up to date and stable with an uptime of 99.997%
  - Assisted with BETT 2024 where I jointly created an independent offline cluster based off a cloud-centric service for an EdTech show along with similar events.
  - Provided technical support to staff, resolved hardware and software issues including CI/CD pipelines and managed a ticketing board to guarantee work was streamlined from development through to deployment.
  - Formed and grew the new Systems team, establishing routines and policies to ensure its effectiveness.
- May 2022–Jul 2023 **Webmaster** Hull Computer Science Society
  - Maintained the website and kept it up to date with events and details.
  - Managed the HullCSS GitHub organisation.
  - Taught Git to society members so they could feel comfortable using it as part of their degree and extracurricular work.
  - Advised on security and contribution policies for the society.
- Mar 2022–Jul 2024 **Linux System Administrator** Freeseide  
As an admin at Freeseide - the student run Linux user group at the University of Hull - I have had the opportunity to contribute to some of their projects like the Student Resource List as well as getting involved with system administration. Services managed include a web, storage and identity management server along with a handful of Linux desktops.
- Sep 2022–Jan 2023 **Bar Staff** Hull University Students Union  
As a member of the bar staff I worked in a fast paced environment serving food and making drinks with a focus on customer satisfaction and efficiency.
- Sep 2021–Jul 2023 **Computer Science Course Representative** Hull University Students' Union  
As a course rep for Computer Science, my role involved liaising with students and university staff about the quality of the course. Through this I learned how to concisely and effectively present my case for others.

## TECHNICAL SKILLS

### Containerisation

Docker, Hashicorp Nomad, Kubernetes (learning)

### Programming Languages

C#, Bash, Python

### CI/CD

GitHub Actions, GitLab CI

## Operating Systems

Linux, Windows

## Hardware

Raspberry Pi, HPE BladepSystem, Dell PowerEdge, Unifi

## Virtualisation

Highly Available Proxmox

## EDUCATION

2021 – 2023	<b>BSc Computer Science</b> Certificate of Higher Education	University of Hull
2019 – 2021	<b>A-Levels</b> Studied Computer Science (C), Sociology (A) and Psychology (C)	York College
2014 – 2019	<b>GCSE's</b> 10 GCSEs including Computer Science	York High School

## PROJECTS

I spend a lot of my free time coding and working on server admin, below is a list of some projects I have worked on / am working on.

2022 – Present	<b>VPS</b> Managing a VPS which runs personal services in Oracle Cloud. These include: <ul style="list-style-type: none"><li>- Forgejo for Git backups, along with a side container for mirroring my GitHub to it</li><li>- My website built with the Zola static site generator</li><li>- Nginx as a proxy</li><li>- Docker Swarm/Compose for managing services</li><li>- A handful of game servers</li></ul>	Personal
2021 – 2022	<b>Virtual machine server</b> Maintaining a Proxmox Virtual Environment server to serve my home network and backups. VMs include: <ul style="list-style-type: none"><li>- Unifi controller</li><li>- Gitea</li><li>- TrueNAS</li><li>- OPNsense</li></ul>	Personal
2021 – Present	<b>Blog site</b> Developing a personal blog to document what I get up to. Created using Zola and hosted on my VPS.	Personal
2021 – 2024	<b>Student Resource List</b> <ul style="list-style-type: none"><li>- Contributed to Freeside's Student Resource List, a collection of computer science related resources created by staff and students at the university of hull.</li><li>- Reviewed submissions through Pull Requests from other users to maintain the quality of content and taught students how to use Git / GitHub.</li></ul>	Freeside

## REFERENCES

References are available upon request.